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TO:

Mail Stop Amendment Commissioner for Patents Attn: Examiner Matthew Van Nguyen P.O. Box 1450 Alexandria, Virginia 22313-1450	FROM: Timothy P. Sullivan OUR REF: 50019.251US01/P05124	JUN 28 2005
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Total pages, including cover letter: **2**

PTO FAX NUMBER 1-703-872-9306

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Title of Document Transmitted: Transmittal (+copy); Amendment

Applicant: Gregory J. Smith et al.

Serial No.: 10/657,575

Filed: September 8, 2003

Group Art Unit: 2838

Our Ref. No. 50019.251US01/P05124

Confirmation No. 9867

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

By: T-P-S
 Name: Timothy P. Sullivan
 Reg. No.: 47,981

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Tracy Gutscher

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 Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Gregory J. Smith et al.	Examiner:	Matthew Van Nguyen
Serial No.:	10/657,575	Group Art Unit:	2838
Filed:	September 8, 2003	Docket:	50019.251US01/P05124
Confirmation No.:	9867	Due Date:	June 28, 2005
Title:	METHOD OF MODULATING CURRENT REGULATION CONTROL LOOP'S CURRENT MAGNITUDE FROM A SECOND CONTROL SIGNAL		

CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this correspondence is being sent via facsimile to (703) 872-9306, Mail Stop Amendment, Commissioner for Patents, Attn: Examiner Matthew Van Nguyen, P.O. Box 1450, Alexandria, VA 22313-1450 on June 28, 2005.

By: 
Name: Tracy Gutscher

Mail Stop Amendment
Commissioner for Patents
Attn: Examiner Matthew Van Nguyen
P.O. Box 1450
Alexandria, Virginia 22313-1450

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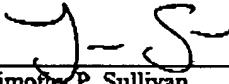
Sir:

We are transmitting herewith the attached:

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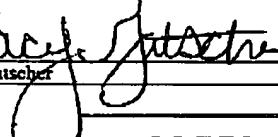
By: 
Name: Timothy P. Sullivan
Reg. No.: 47,981
TPS:tg

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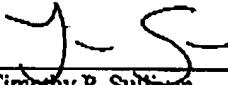
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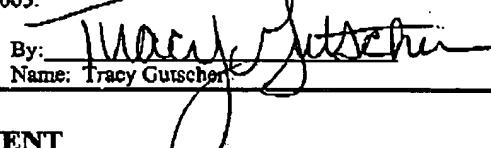
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PATENT

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AMENDMENT

Mail Stop Amendment
Commissioner for Patents
Attn: Examiner Matthew Van Nguyen
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action of March 28, 2005, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.